MISSOURI BOTANICAL GARDEN

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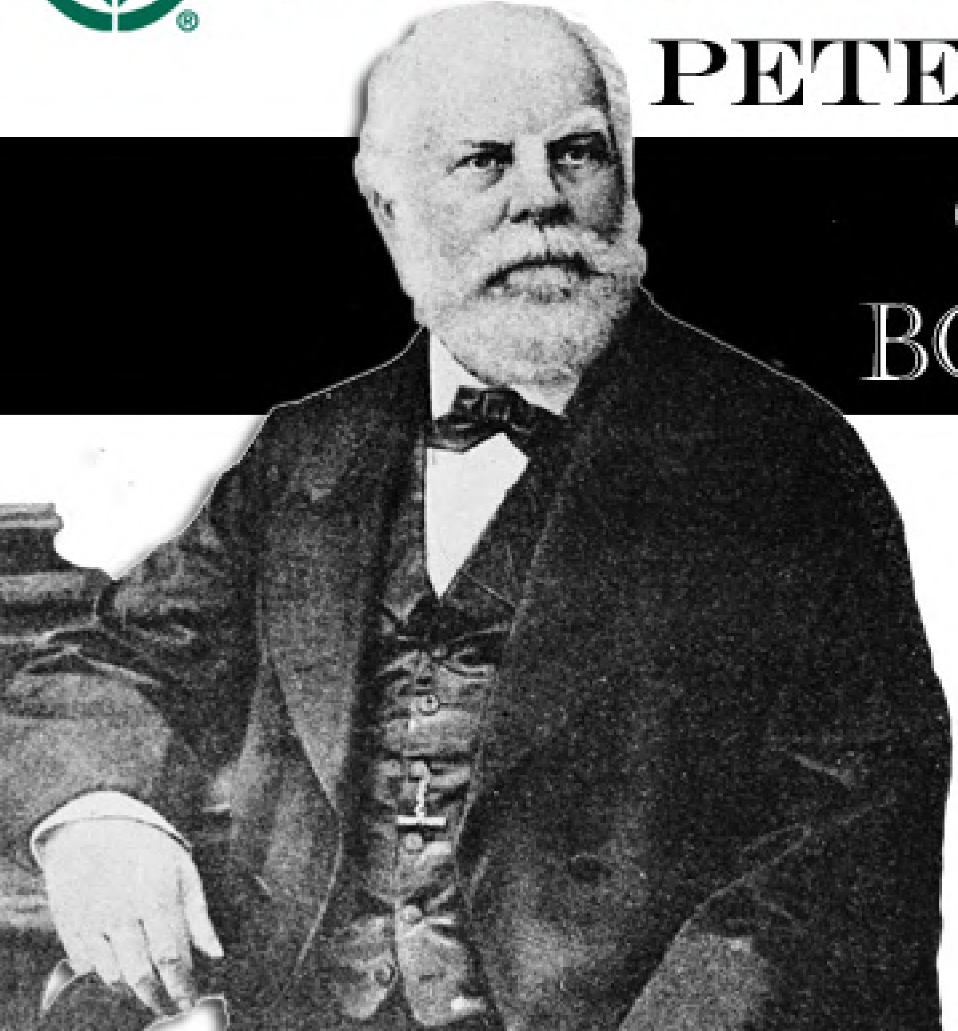

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Prunus serotina Ehrh. = virginiana Mx non Lin

racemis laxis, calyc. patulis, segmentis abbreviatis, subintegris seu subglandulosis, calyx cum filamentis sub fructu persistentibus,

Arbor altissima fl. April:
fol subtus viridis acuminatis — serratis

Prunus virginiana Lin, not Mx

racemis erectis calycibus campanulatis, sub limbo contractis, segmentis ovatis, glandulosis, cal. post florescentiam ~~caducis~~ deciduis

Arbor parva, foliis subtus ~~glaucis~~ albidis, subpubescentibus, acute serratis

fl. Majo — Geyer upper Missouri

~~Prunus~~ pedicelli Prun serotin longioribus

740

Prunus nutans n. sp.

racemis densis, nutantibusq, pedicellis calycis longitudine, calyx campanulato, segmentis glandulosis — ~~calyx~~ post florescentia ~~caducis~~ deciduis

Arbor parva, cult in horto Chouteau, sponte = Rocky Mts & upper Missouri fl. Majo

fol. glaberrimis, subtus glaucescentibus — acute serratis fruct. immaturo stylo coronato

stylo

fr. stylo deciduo, ~~fruct. immaturo~~

stylo deciduo,

stylo stigmateque majore quam in spec aliis

0 1 2 3 4 5 6 7 8 9 10
cm
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Febr 1876

Cydonia Japonica 741

"Medlar quince" from Georgia

yellowish, tough, adstringent, aromatic

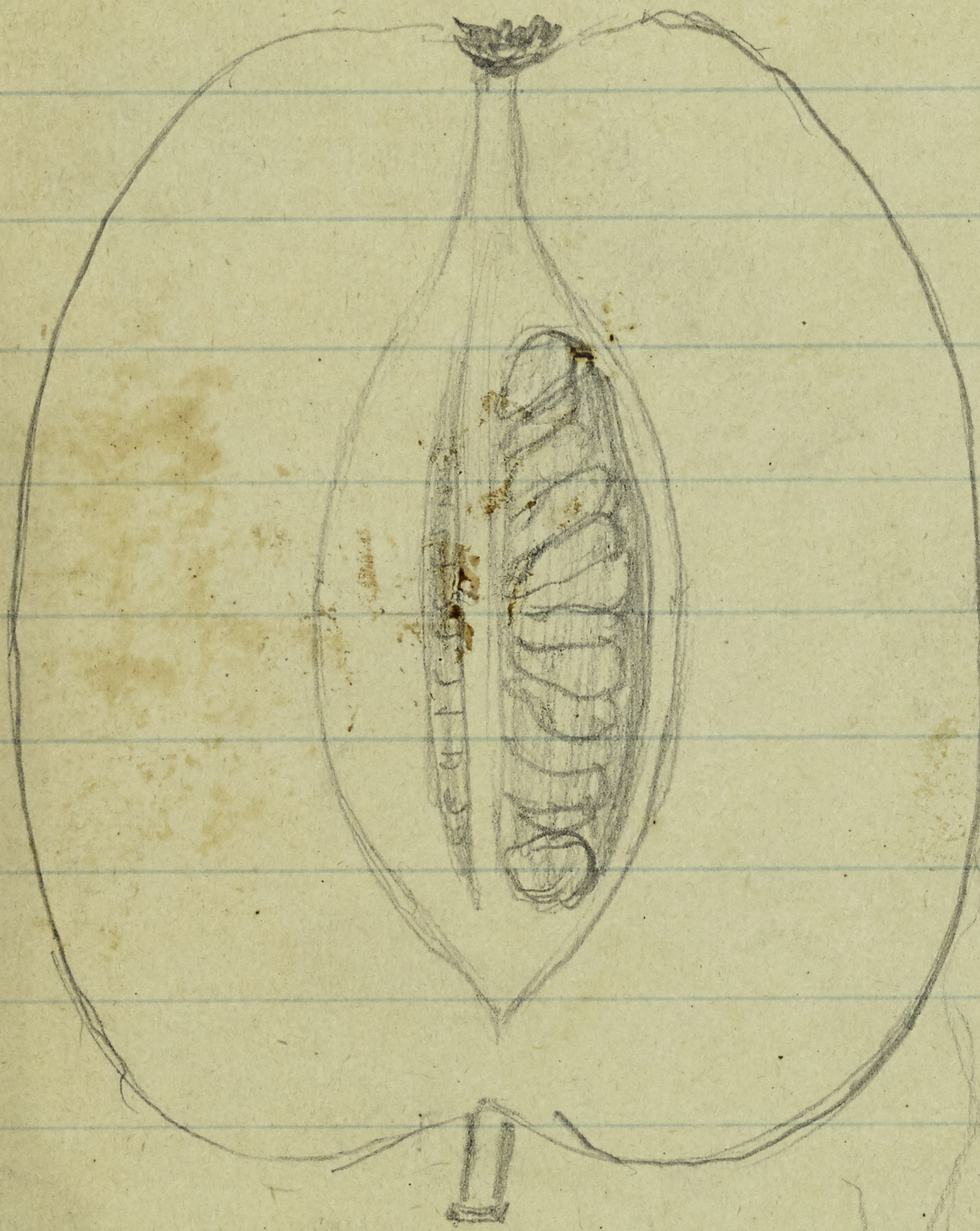
20 – 30 ovules in each cell

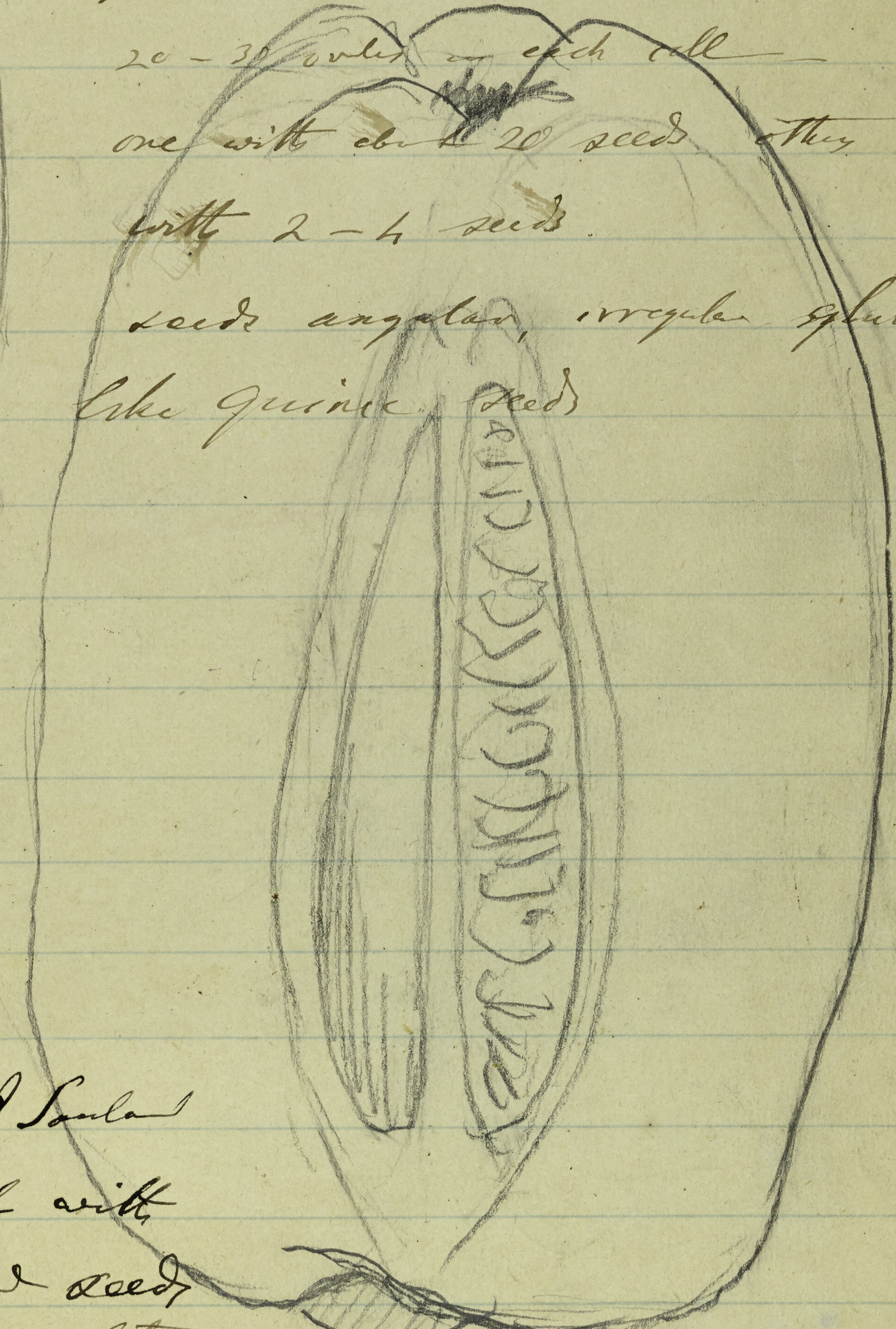
one with about 20 seeds others only

with 2 – 4 seeds

seeds angular, irregular glutinous

like quince seeds





specimen rec'd fr B A Soulard

Febr 1879 each cell with

about 25 large well formed seeds

and a number of incomplete ones in each cell

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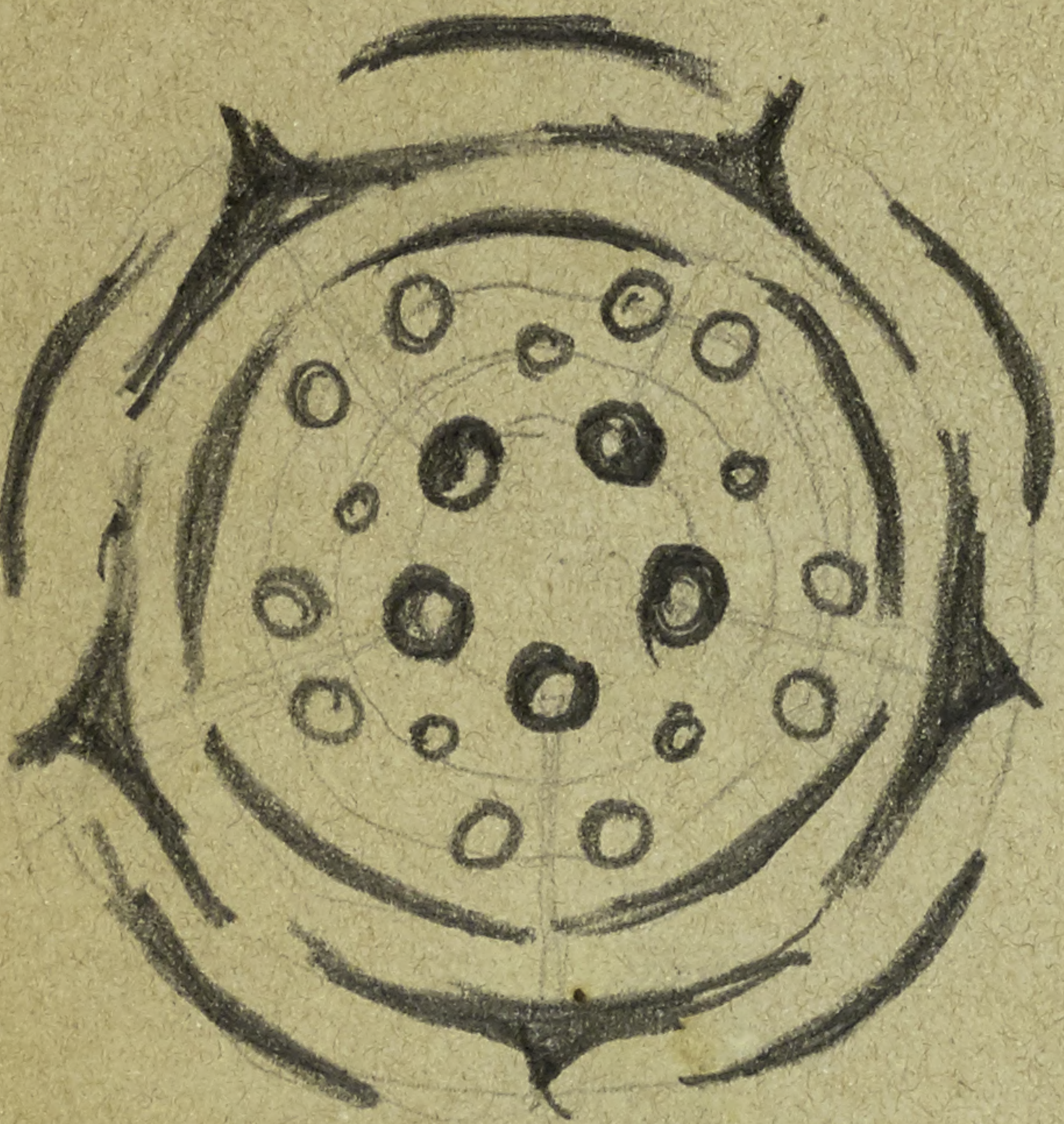
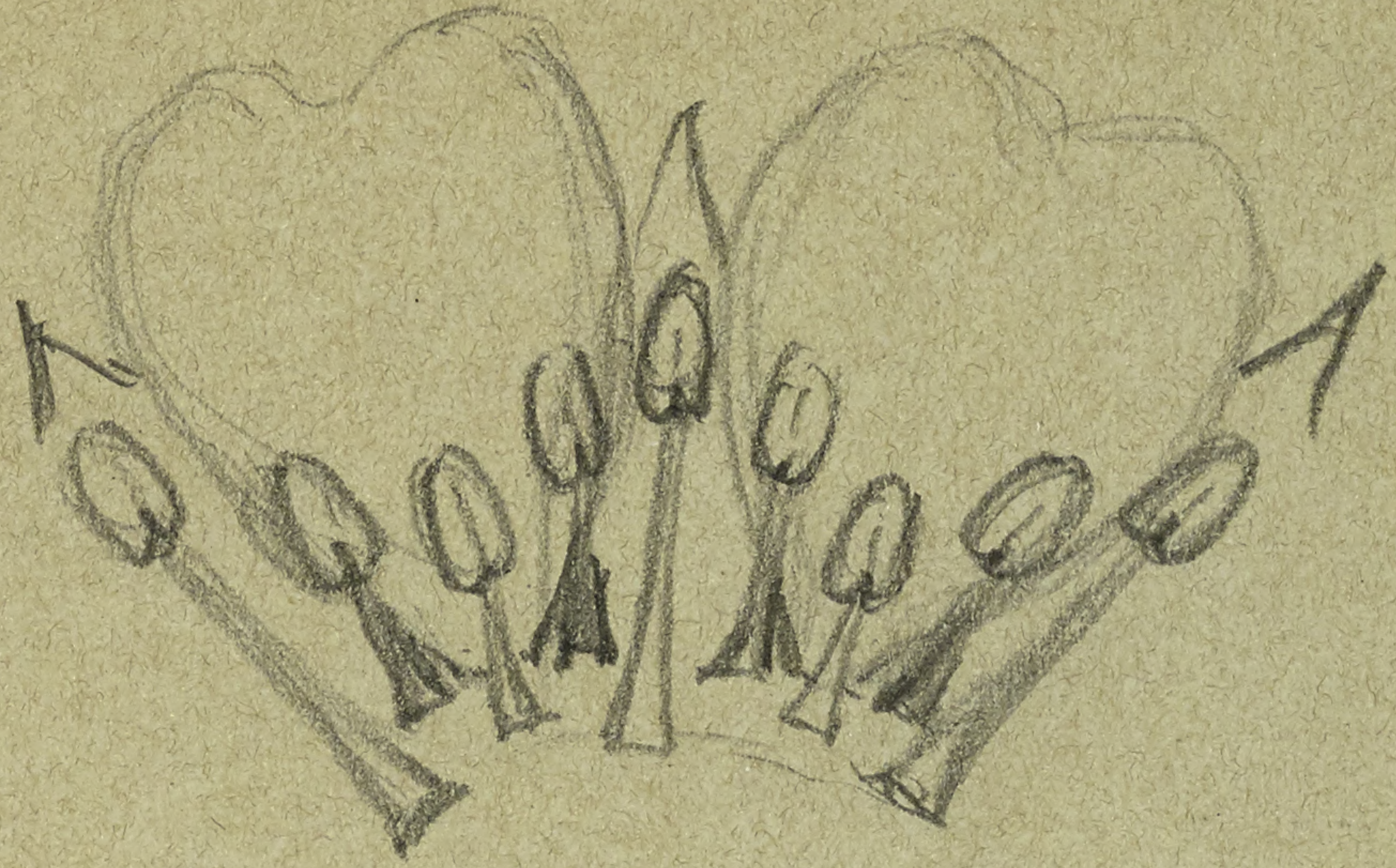
Potentilla verna

Kreuznach 20 April 1869





742

20 stamina,

10 exterior stamina, insertion scarcely interior to that of petals, bases about equidistant from one another, almost lateral to the insertion of petal; intermediate length

5 middle stamina, shortest, opposite petals,

5 interior stamina longest, opposite sepals; insertion scarcely interior to the last.

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743

Laurocerasus Virginiana, Texas, many flowers without any petals; only 10 stamens, longer opposite calyx lobes, shorter opposite petals;

Laurocerasus lusitanica mostly 6 petaled flow with 18–24 stamens — [illegible]

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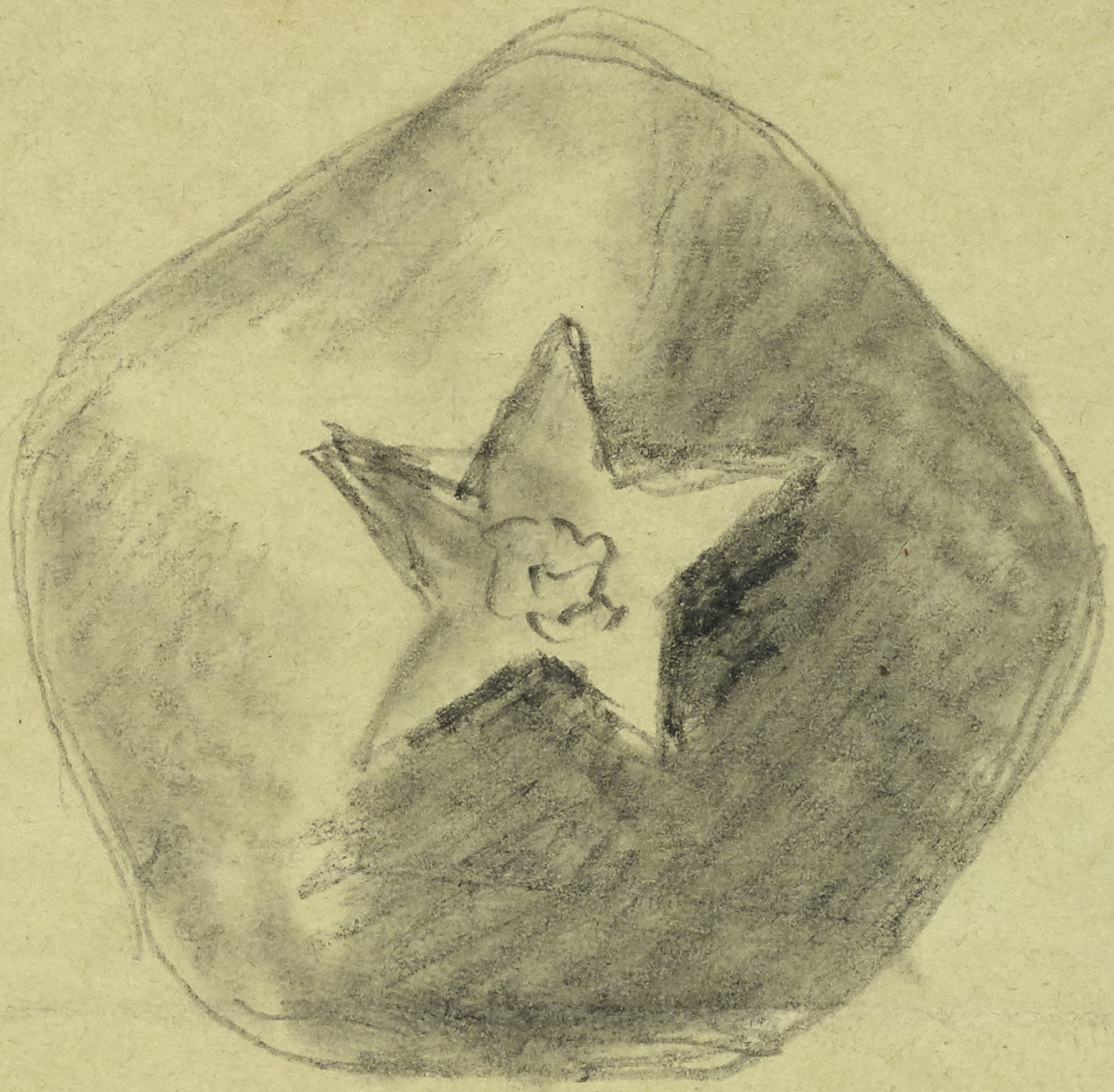
K. LEITCH,
& PHARMACEUTIST,
r. Fourth & Olive Sts. St. Louis, Mo.



744

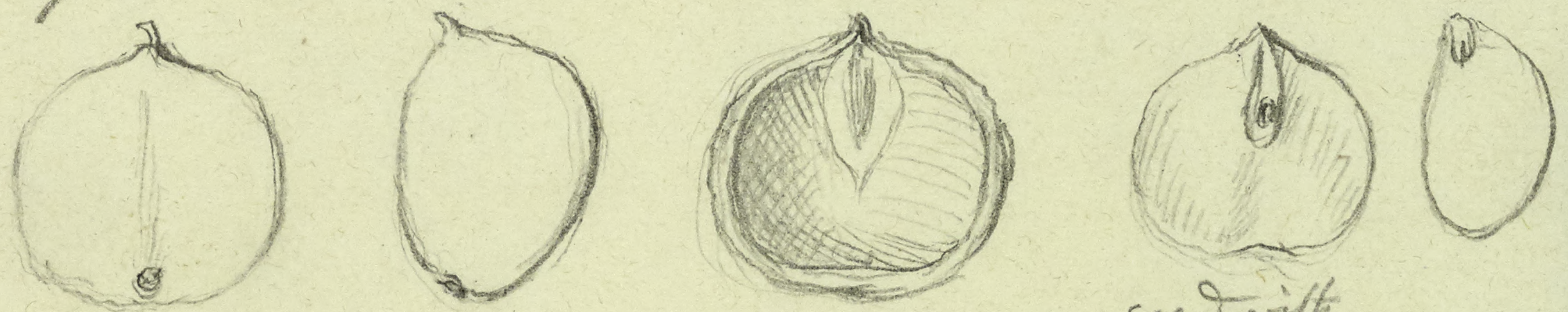
Granat apfel

Sept 1860

P. Cerasus ilicifolia Nutt June 1 1876
fresh

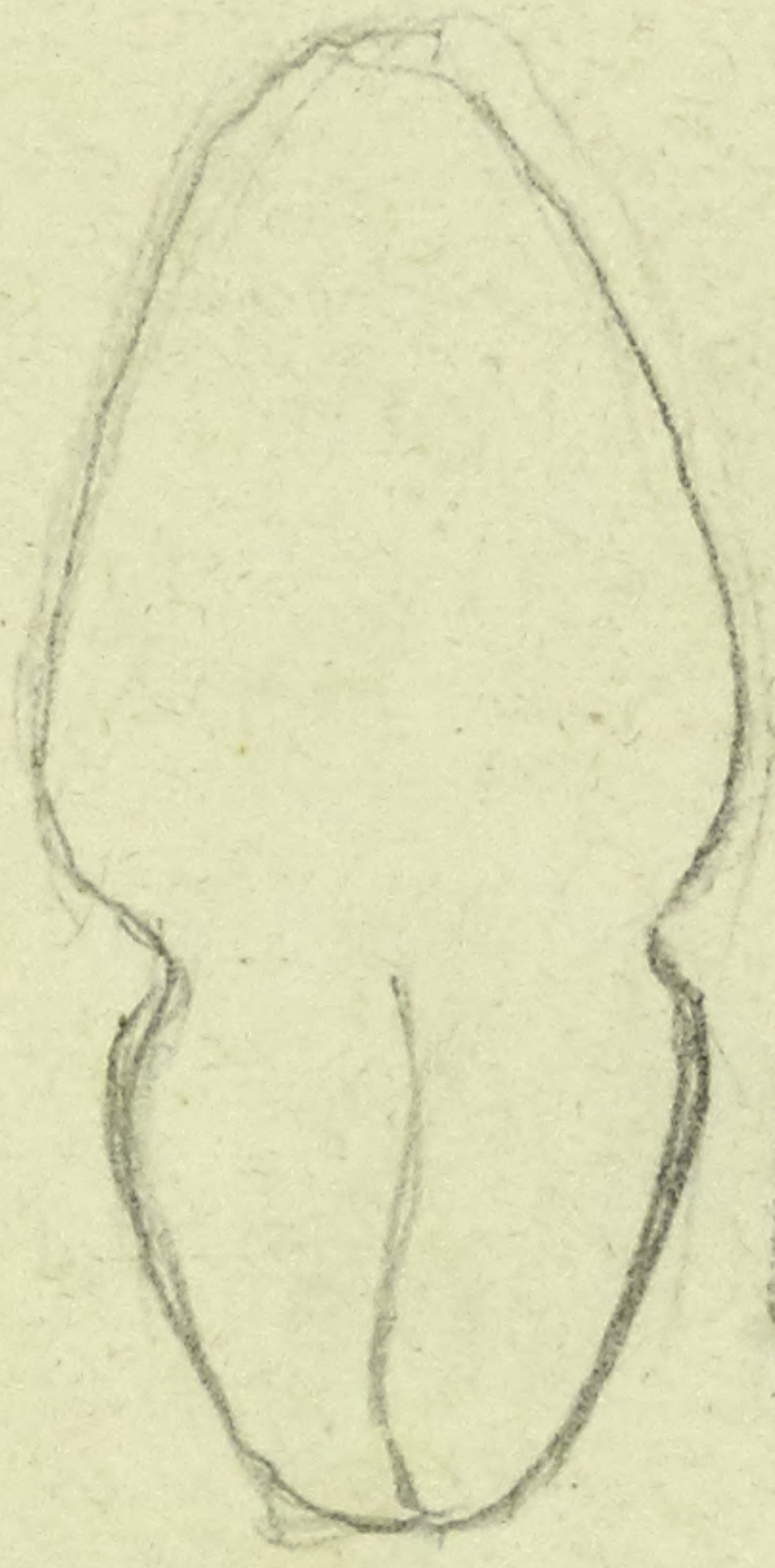
Santa Barbara, Otto Tittmann May 1876

fruit

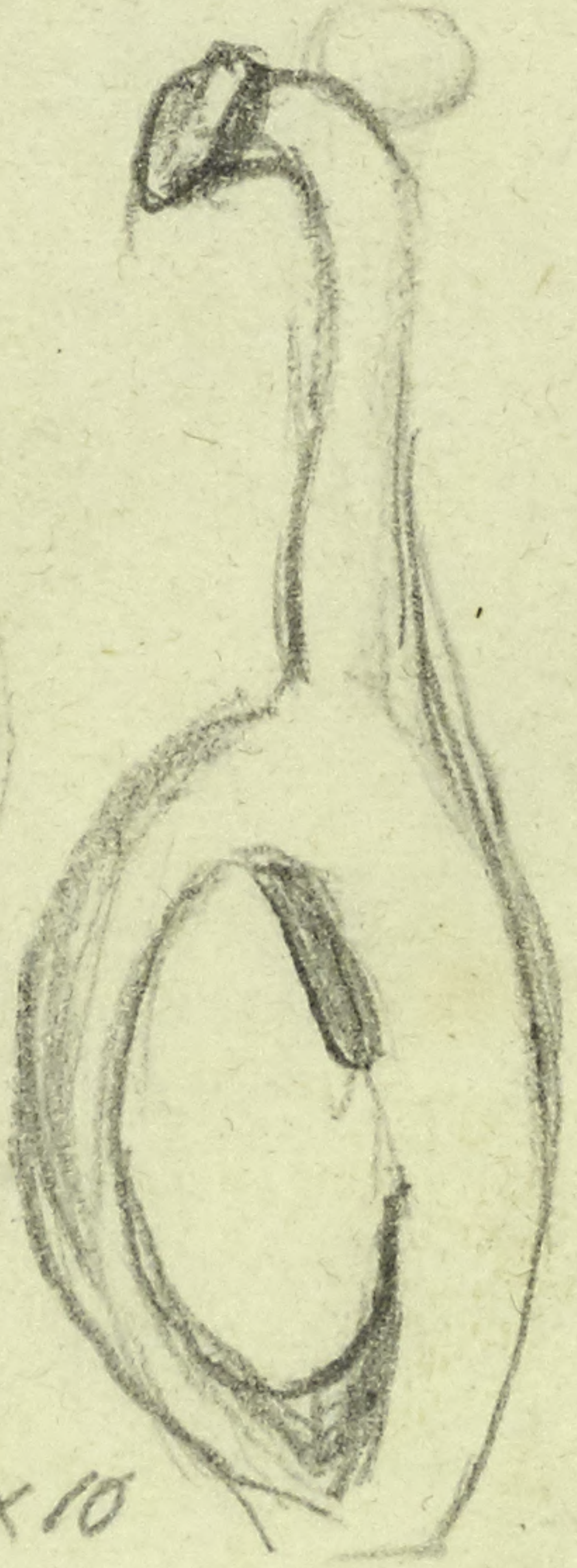


seed with its integuments and hilum

20 stamens
involute
(curved in!)
in aestivat

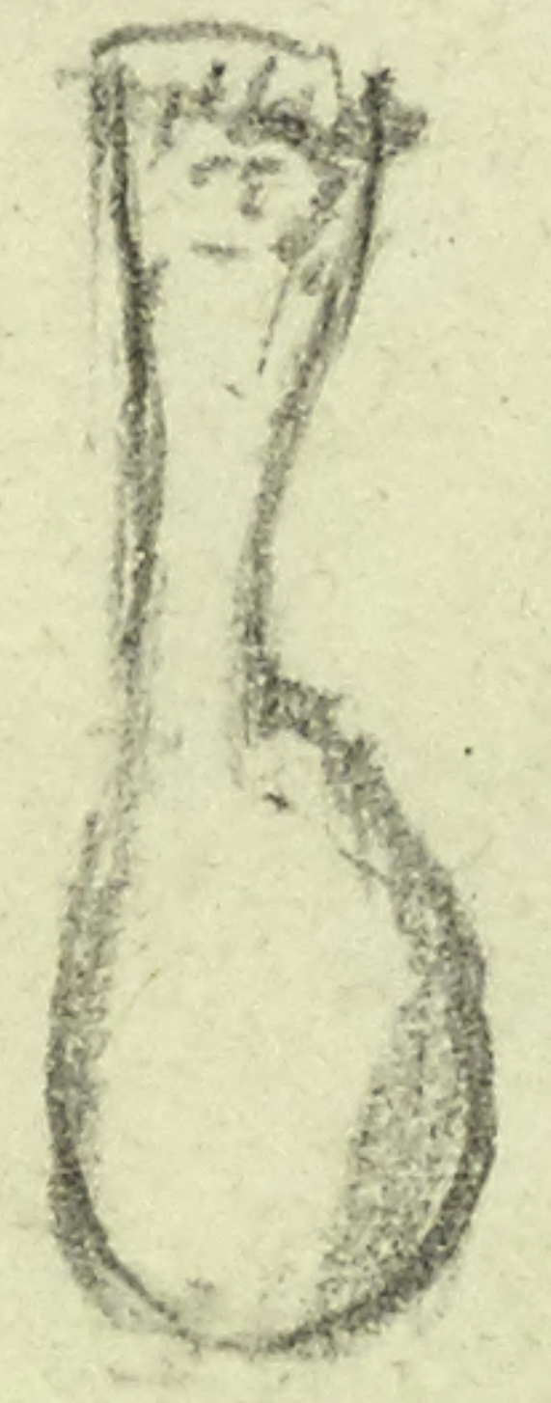


Embryo x10



pistil & ovule post flowering x10

x10



abortive pistil

745

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ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,
Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

P. Chicasa var. latifolia 746

foliis ovatis acuminatis s. acutis
basi obtusis s. subcordatis
margine incurvo-glandulosis dentatis,
subinde solum ~~und~~ dentibus obscuris
undulatis
petiolis 1-pluri glandulosis
s. nudis

In the Missouri plant the larger leaves are fully as long, but only 1/2 or at most 3/4 inches wide, with a long acumination

0 1 2 3 4 5 6 7 8 9 10
cm

Dr Engelmann

Dear Sir.

Consul Gerlich And Mr Stinde will be at my house by appointment this P.M. at 5 O'Clock to confer about immediate settlement of Mr Palm's Estate. It seems desirable on many accounts, if practicable.

And I remain Yrs truly

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OVERSIZE DOCUMENT REMOVAL FORM

DESCRIPTION OF ITEM:

REMOVED FROM:

Collection 1 Record Group 4/1/5/1 Series 2 Box 2 Folder 23

Folder Title: Rosaceae

Date removed: 5/7/97 Name: Jane Lorenz

REMOVED TO:

Oversize. Box 1

Collection 1 Record Group 4/1/5/1 Series ___ Box ___ Folder 8

Folder Title: Pencil drawing of Vauquelina Corymbosa

Torreyi Watson June 1881

Vauquelinia brevipes, n. sp. a bush? or tree?

~~Leaves~~ coriaceous, evergreen, narrowly lanceolate, adpressed-glandular-serrulate, acute at base ~~serratures glandular-tipped~~; together with [illegible] ~~with the~~ branchlets at first glaucous minutely ~~[illegible]~~ mealy pubescent, at last glabrate; petioles as long as the leaf is wide; stipules minute, lance-subulate.

Flowers in terminal corymbs; petals orbicular spreading persistent; stamens about 20, inflexed in the bud; ~~styles 5~~ 5 carpels silky; 5 styles [illegible] naked, with subcapitate ~~[illegible]~~ stigmas; ~~[illegible]~~.

On top of the Santa Catalina Mountains near Tucson, Arizona, discovered in May by J. G. Lemmon. — Evidently a congener ~~to~~ and closely allied to V. corymbosa ~~HBK~~ (of the same region) distinguished by the short petioles & the close serratures ~~and the~~ of the leaves ~~and also apparently by the canescent very minute short and scaly~~ decidedly pubescence of the younger parts, ~~which gives them glaucous appearance", especially on the under side of the leaves~~, leaves 1½–2½ inches long ⅓ inch wide & on reddish petioles, with a very prominent red midrib, about ⅓ inch long; (the petioles of V. corymbosa are described ~~and figured~~ as 1½–2 inches long.) The leaves of ~~[illegible]~~ young shoots are rather larger, ~~and~~ obtuse at base, closely spinulose-dentate, with divaricate teeth and with larger stipules, subulate, about 3 lines wide, and the ~~serratures of the~~ leaves are said to be somewhat [illegible] with incurving acuminate teeth.

~~Flowers in some open corymbs about 2 inches wide in very sparse~~ buds and maturing fruit in the same inflorescence; triangular lobes of calyx spreading (reflexed in the cor.) Orbicular sessile petals imbricated in ½ order persistent; stamens 20 in several rows, in bud inflexed, in the flower erect, ~~anthers and styles~~ anthers introrse; 5 silky carpels apparently connate in flower, ~~with~~ separating at maturity into 5 follicles opening internally; styles as short as the ovary, naked, terminating into the obliquely ~~broadened~~ widened & enlarged stigmas; ~~follicles with~~ two collateral seeds attached to the base of follicle ~~together with the equally long wing of the length of the follicles~~ terminating into an oblong wing of [illegible] [illegible] length. Fruit about 2¼ lines long, seeds with wing a little shorter.

748

St Louis March 11/78

Herrn Dr G. Engelmann.

Sie werden mich entschuldigen meine Nachfrage, ob Sie vielleicht $2000.00 Gold haben, welches Sie möchten verleihen an unincumbrance (unbelastet) Eigenthum es hat $7000.00 gekostet zu bauen, steht auf einem 89½ Fuss Grund mit Garten bepflanzt mit allen Sorten von Obstbäumen Sträucher u. s. w.

1 Wohnhaus & Brickstall
an Virginia & Osage Strasse.

Ich könnte von irgend einem
Agenten es bekommen
aber die chargen zu viel
Commission

Ihr
ergebener

Bitte um Bescheid
so bald als möglich Louis Peters.

Prunus

March 22 1877

spreading teeth acuminate
umbells slender fl. long pedicels ovary turbinate

incurved glandular teeth

Americana St Louis fl. large

Chicasana St Louis

latifolia Arbuck

Coloradensis n. sp.
= Americana?

rivularis Scheele
Tex
stones thick

Texana Scheele
stone flat

gracilis E. & Gr. fl. small
teeth of leaves large
similar to maritima.

maritima Massachusetts
fl. large, teeth small

749

Alleghaniensis fr. Media Pa.
fl = Americana
Could it be insititia??
no, it is glabrous

Spinosa fl. small
calyx lobes glabr. inside
leaves small
ovary broad, ~~ovoid~~ not
tapering

insititia
calyx & ovary broad

have today examined Pr. gracilis, Texana, Chicasa
and Alleghaniensis which all have
folded (conduplicate) vernation!